

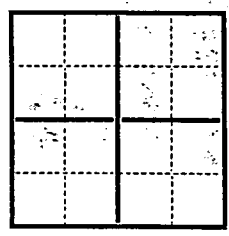
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

Schlumberger log
#35

WELL SCHEDULE

Date 9, 1963 Field No. _____
Record by P.E. Grantham Office No. K8
Source of data Driv. + Obser.

1. Location: State Miss County Holmes
Map Lexington Quad
NE NW 1/4 NW 1/4 sec. 8 T 15 SR 1 E
2. Owner: Town of Tchula Address Tchula
Tenant _____ Address _____
Driller: Layne Central Address Jackson
3. Topography delta
4. Elevation 105 TOPO ft. ^{above} M.S.L. _{below}
5. Type: Dug, drilled, driven, bored, jetted 1963
6. Depth: Rept. 1246 ft. Meas. _____ ft.
7. Casing: Diam. 12" in. to 8" in. Type PT
Depth 1179 ft., Finish 8" x 00' x .08 Shutter
S.S. Screen
8. Chief Aquifer Mevidan From _____ ft. to _____ ft.
Others _____
9. Water level +92.5 ft. ^{rept.} 4-13 1964 ^{above} Top of _{below}
concrete pump base which is 25 ft. ^{above} _{below} surface
10. Pump: Type Turbine Capacity _____ G. M.
Power: Kind electric Horsepower _____
11. Yield: Flow _____ G. M., Pump 650 G. M., Meas. Rept. Est.
Drawdown _____ ft. after _____ hours pumping _____ G. M.
12. Use: Dom., Stock, PS, RR., Ind., Irr., Obs. _____
Adequacy, permanence _____
13. Quality _____ Temp. 76? °F.
Taste, odor, color _____ Sample No. 4-13-64
Unfit for _____ h=8.2
14. Remarks: (Log, Analyses, etc.) Test hole drilled to 1326'
about 30 seconds required to draw down from
82 feet to 0 feet head 10/10/64

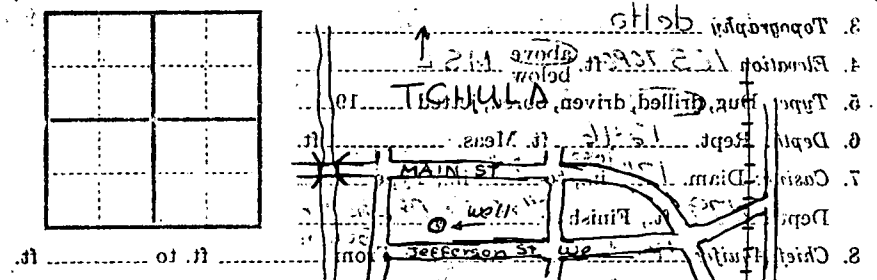


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

WELL SCHEDULE
Date _____
Record by _____
Source of water _____

Field No. _____
Other No. _____
Name _____

1. Material _____
2. Owner _____
3. Tenant _____
4. Address _____
5. Address _____
6. Address _____
7. Address _____
8. Address _____
9. Address _____
10. Address _____
11. Address _____
12. Address _____
13. Address _____
14. Address _____



15. Quantity _____
16. Test, odor, color _____
17. Lift for _____
18. Use: Dom., Stock, Ps., RR., Ind., Irr., Obs. _____
19. Drawdown _____
20. Field Flow _____
21. Power Kind _____
22. Pump type _____
23. Capacity _____
24. Which is _____
25. ft. above surface _____
26. ft. below _____
27. ft. to _____

14. Remarks: (Loc., Anal., etc.) _____
15. _____
16. _____
17. _____
18. _____
19. _____
20. _____
21. _____
22. _____
23. _____
24. _____
25. _____
26. _____
27. _____

Test Hole

Address

Tchula, Mississippi

No. 1

Location of Well or Test

Jefferson Street

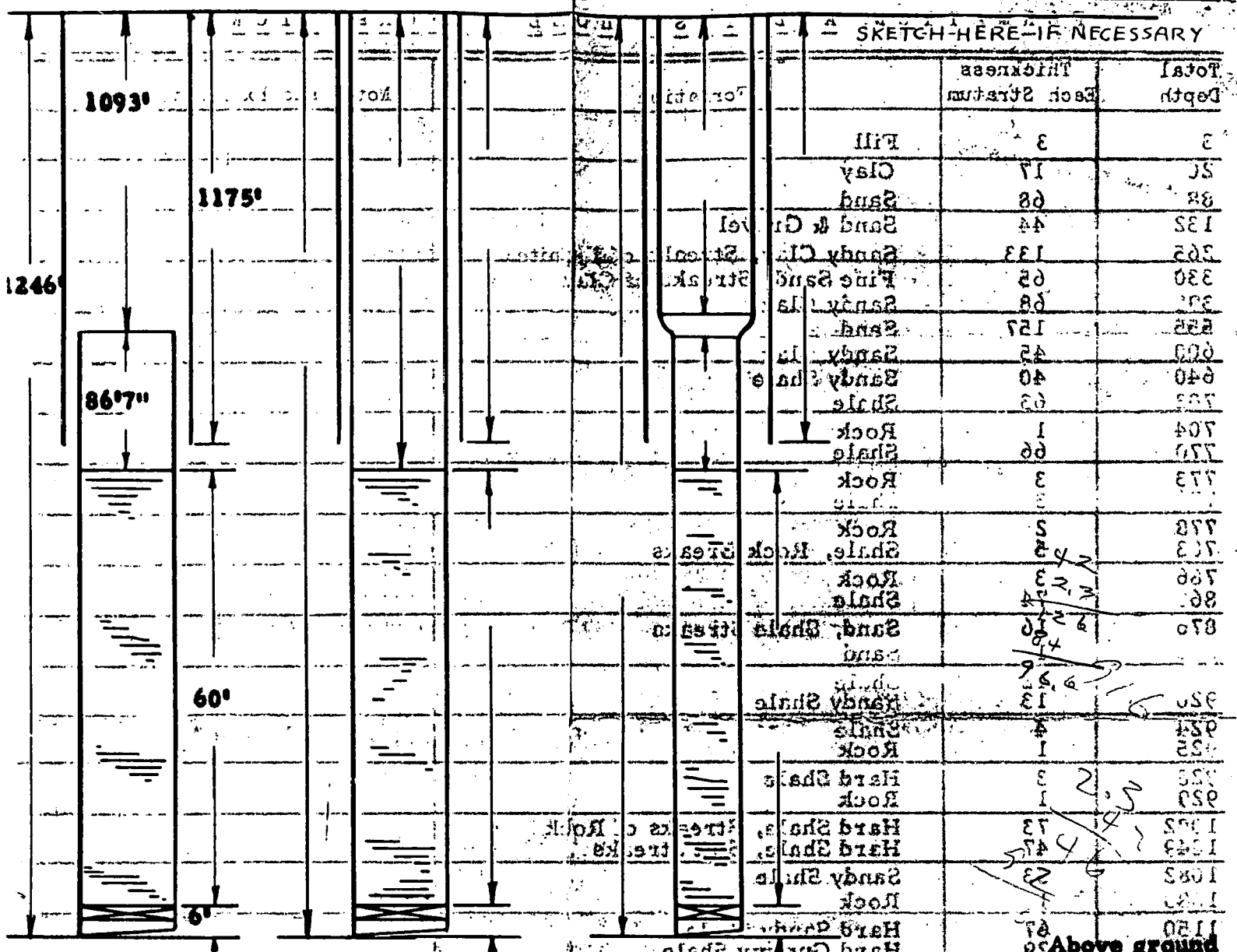
FORMATION AND TEST HOLE INFORMATION

Total Depth	Thickness Each Stratum	Formation	Notes and Explanation
3	3	Fill	
20	17	Clay	
88	68	Sand	
132	44	Sand & Gravel	
265	133	Sandy Clay, Streaks of Lignite	
330	65	Fine Sand, Streaks of Clay	
398	68	Sandy Clay	
555	157	Sand	
600	45	Sandy Clay	
640	40	Sandy Shale	
703	63	Shale	
704	1	Rock	
770	66	Shale	
773	3	Rock	
776	3	Shale	
778	2	Rock	
783	5	Shale, Rock Breaks	
786	3	Rock	
860	74	Shale	
876	16	Sand, Shale Streaks	
895	19	Sand	
907	12	Shale	
920	13	Sandy Shale	
924	4	Shale	
925	1	Rock	
928	3	Hard Shale	
929	1	Rock	
1002	73	Hard Shale, Streaks of Rock	
1049	47	Hard Shale, Soft Streaks	
1082	33	Sandy Shale	
1083	1	Rock	
1150	67	Hard Sandy Shale	
1179	29	Hard Gummy Shale	
1216	37	Sand	
1240	24	Sand, Streaks of Shale	
1264	24	Sandy Shale	
1305	41	Sand	
1326	21	Shale	

Date Started August 19 63 Date Finished August 19 63

Fully explain and describe all operations (Signed) **W. R. Praytor** Field Supt.
 making notations necessary to the successful installation of a good well. (Signed) **H. C. Long** Driller

Log of Well for Town of Tchula Well No. Our 11
 Address (City) Tchula (County) Holmes State Mississippi
 Location of Well Jefferson Street Made in Test Hole No. 11



STARTED Aug. 19 63 COMPLETED Sept. 19 63 DEPTH 1246 STATIC WATER LEVEL 42 Lbs.
 MEASUREMENTS TAKEN FROM TOP OF (CASING)-(FOUNDATION)-RIG USED _____
 SURFACE CASING: SIZE _____ LENGTH _____ (T&C)(WELDED)(RIVETED) SACKS CEMENT _____
 WELL CASING : SIZE 12" LENGTH 1175' (T&C)(WELDED)(RIVETED) SACKS CEMENT 665
 INNER CASING : SIZE 8" LENGTH 87' (T&C)(WELDED)(FJ) TYPE GUIDES Fishback
 GUIDES LOCATED 1098' & 1170' TYPE BACKOFF (LHFFJ)(LH-STD)(J-TOOL)(BLANK) _____
 SIZE LEAD SEAL _____ MAKE OF STRAINER Layne TYPE Shutter MATERIAL Stainless Steel
 SIZE STRAINER 8" LENGTH 60' SIZE OPENING .08 B.P. VALVE SIZE 8" LENGTH 60'
 PLUGGED WITH Valve SIZE UNDERREAMED HOLE 32" WITH Mech. UNDERREAMER _____
 CARDS OF GRAVEL USED app. 13 HOW PUT IN Pumped TYPE GRAVEL Dawes
 TYPE CLAY USED Illinois WHAT ELSE _____
 HOW DEVELOPED Allowed to flow HAVE YOU INSTALLED FOUNDATION _____
 IS THERE A DERICK OVER THE WELL _____ WHAT IS STATUS OF JOB _____

HOLMES MISSISSIPPI BOARD OF WATER COMMISSIONERS

K 8 GW 3102
1-7-64

WATER WELL DRILLERS LOG

ELOG #35
K 8

Date: 1-7-1964, Driller: Layne-Central Co.

CODED

		Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thick- ness Feet	Depth Feet
(1) Owner of Land: <u>Town of Tchula</u> (Name)		fill	3	3
<u>Tchula, Mississippi</u> (Address)		clay	17	20
(2) Location: <u>1/4, 1/4, Sec. 8, T 15 N 1 E</u>		sand	68	88
<u>NE 1/4 NW 1/4</u> (distance) (direction) (Nearest Town)		sand & gravel	44	132
(3) Topography: _____ (Hilly) (Flat) (Level)		sand-clay stks. lignite	133	265
(4) Purpose of Well: <u>Municipal</u> (Domestic Irrigation Municipal, Industrial, Other)		fine sand stks clay	65	330
Information upon completion of well:		sandy clay	68	398
(1) Diameter <u>12</u> inches.		sand	157	555
(2) Total Depth <u>1246</u> feet. <u>above ground</u>		sandy clay-stks sand	43	600
(3) Water Level <u>42 #</u> feet below top of ground.		sandy shale	40	640
(4) Cased to <u>1175'</u> , Size <u>12"</u>		shale	63	703
(5) Screen: Size <u>8"</u> , Length <u>60'</u>		rock	1	704
(6) Were any formations sealed against pollution? <u>X</u> yes, <u>no.</u>		shale	66	770
If YES depth of formation <u>1175'</u>		rock	3	773
Why <u>required</u>		stk shale-stk rock	3	786
Drillers Remarks:		shale	74	860
		sand & shal	6	876
		sand	9	895
		shale	2	907
		sandy shale	3	920
		stk shale & stk rock	9	929
		hard shale-rock brks	73	1002
		shale hard-soft stks	47	1049
		sandy shale	33	1082
		rock	1	1083
		hard sandy shale	67	1150
		hard gummy shale	29	1179
		sand	61	1240
		sandy shale	24	1264
		sand	9	1305
		shale	21	1326

CODED
RECEIVED
JAN - 9 1964
MISSISSIPPI BOARD OF WATER COMMISSIONERS

Well No.

Mail this copy to Board of Water Commissioners 429 Miss. St. Jackson, Miss

WILCOX DATA SHEET-VERIFICATION CHECKLIST

COUNTY HOLMES

Tchula Quad
U.S.G.S. E-102 35

WELL OWNER Tchula (Town of)

CHECKED

U.S.G.S. NO. K-8

7/19/94

B.O.H. NO. 260016-02

7/19/94

OLWR NO. _____

LOCATION:

MAP NE, NW, NW S8, T15N, R1E

7/19/94

GPS /

ELEV. (MSL) 117'

7/19/94

W.L. (L.S.) (1) +43'

7/19/94

(2) _____

HEAD (MSL) +160'

7/19/94

SCREENED INTERVAL 1,180' - 1,240' (L.S.) / -1,063' - -1,123' (MSL)

7/19/94

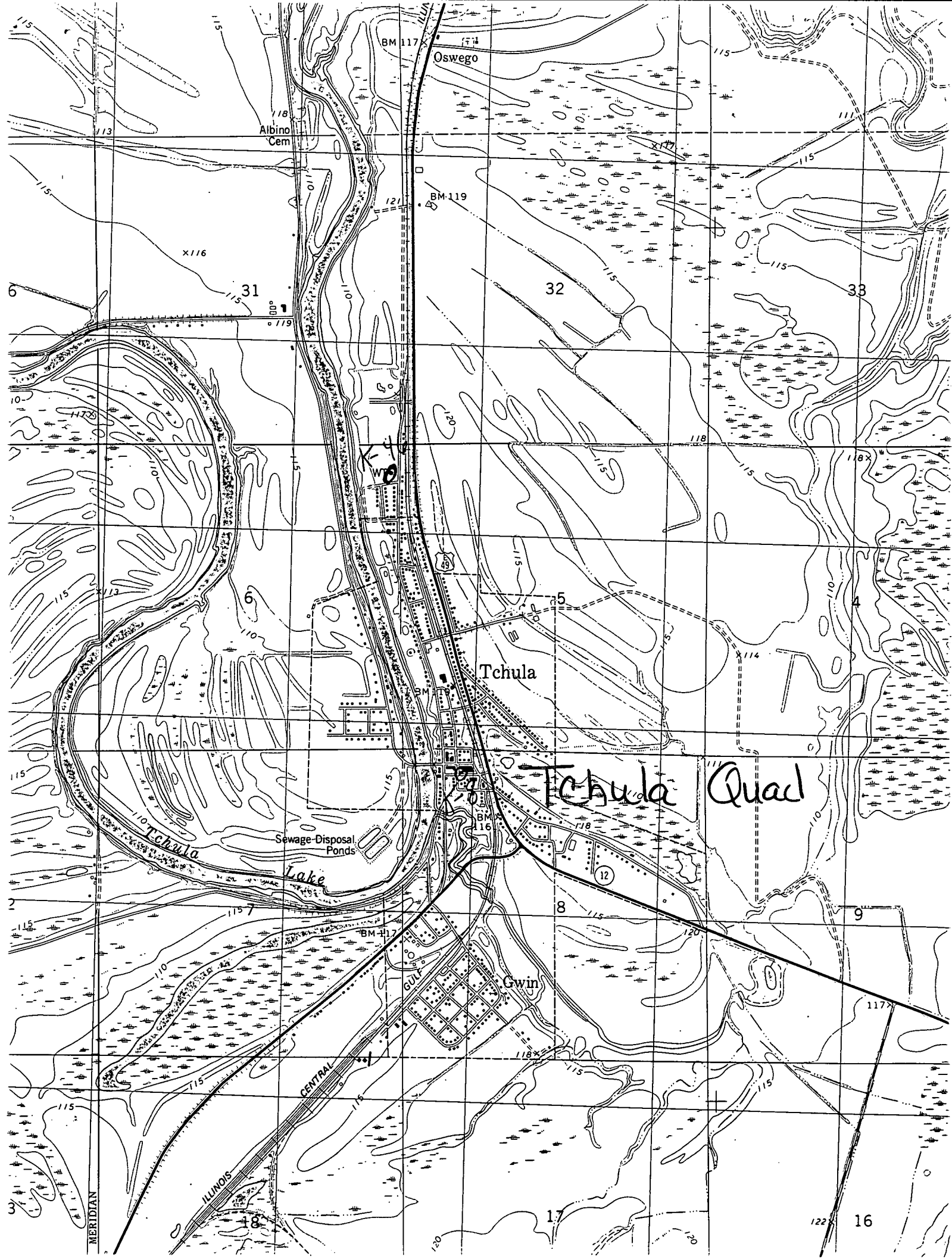
AQUIFER VERIFIED Mediolen - Upper Wilcox

7/19/94

PREVIOUS W.L. +48.5' (1988) / +85' (1971) / +92.5' (1964)

7/19/94

DATA ENTERED _____



Tehula Quad

MERIDIAN

122 16